This Page Is Inserted by IFW Operations and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- / COLORED PHOTOS
- **♦** BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.

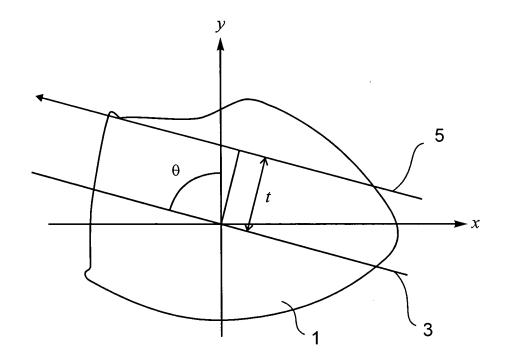


Fig. 1

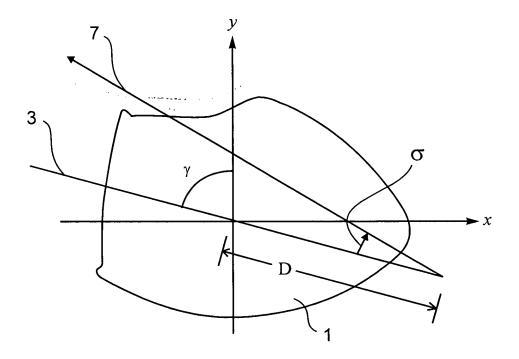


Fig. 2

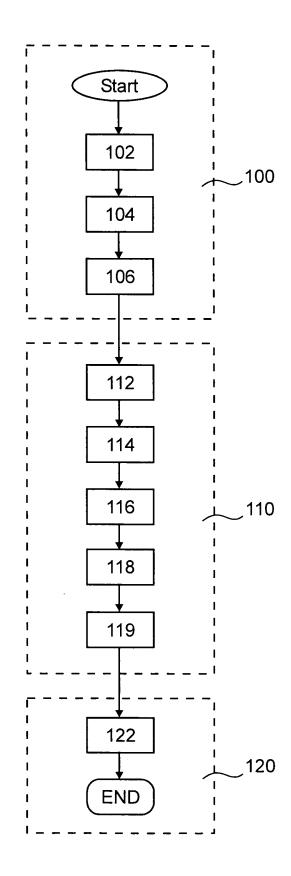
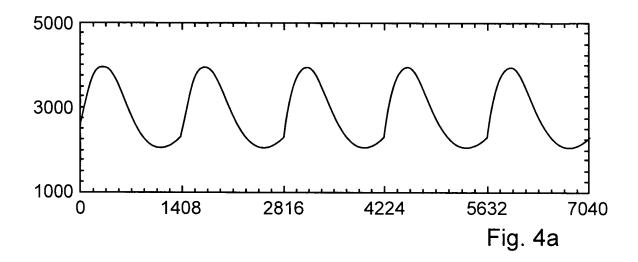
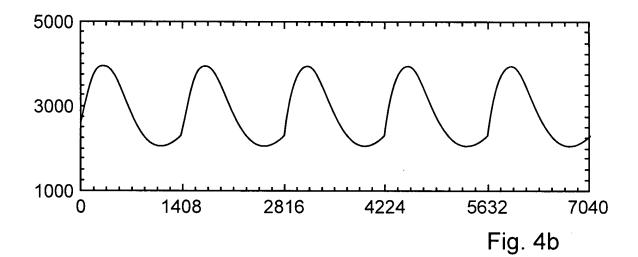
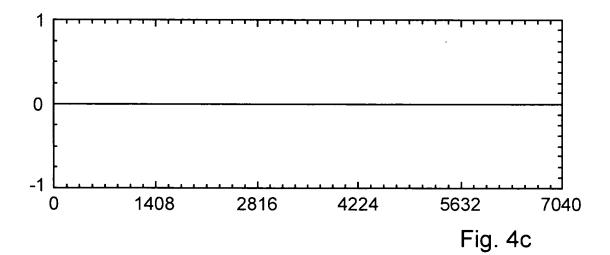
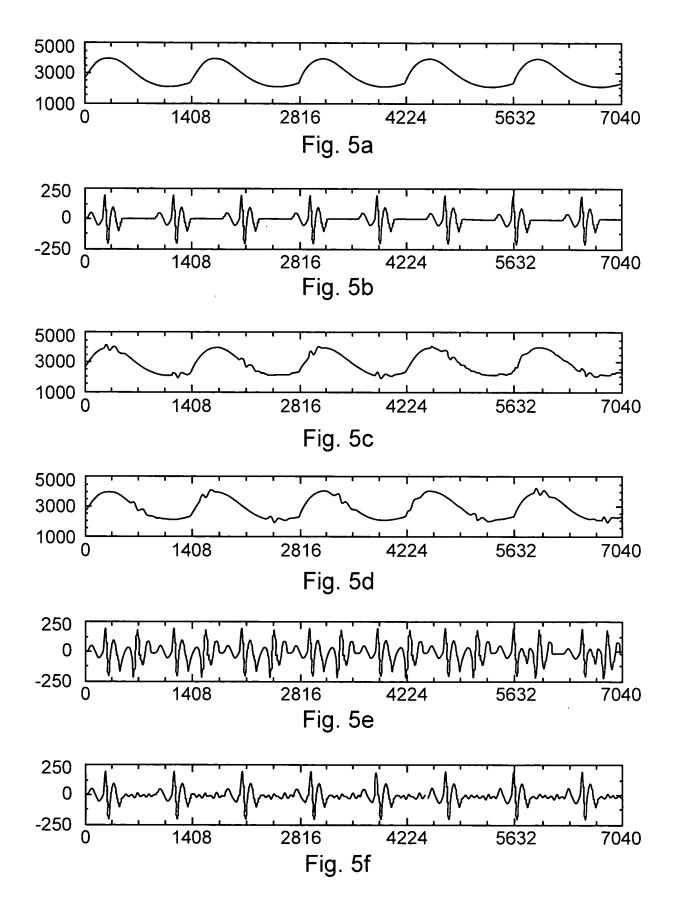


Fig. 3









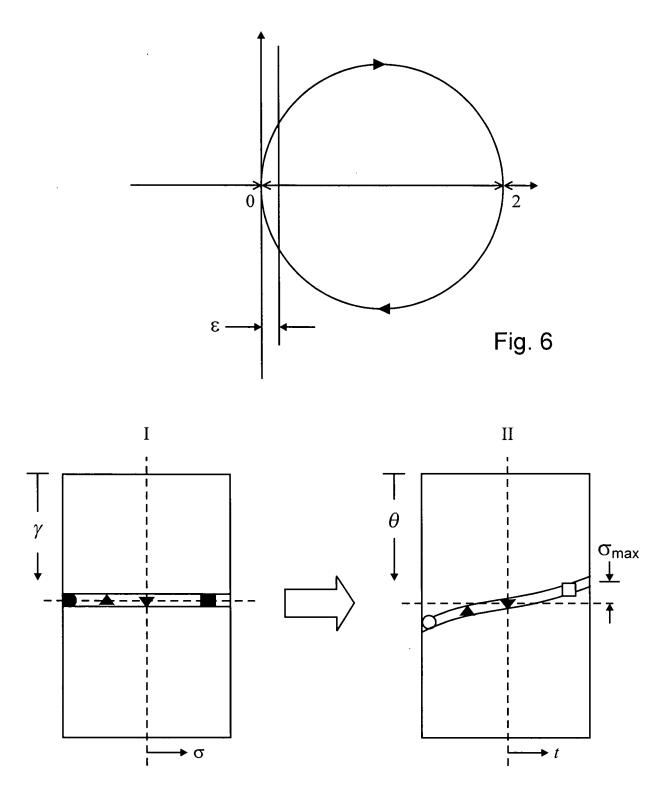


Fig.7

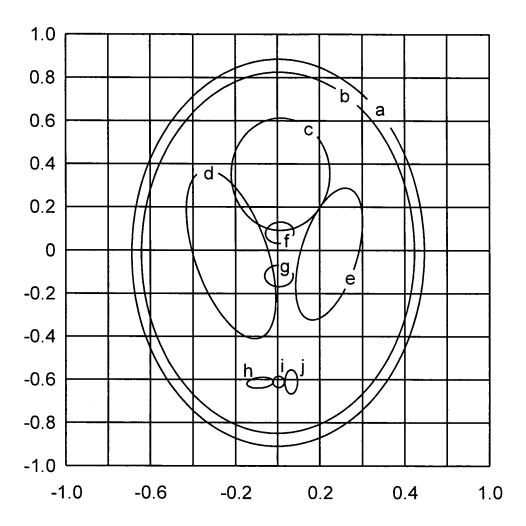
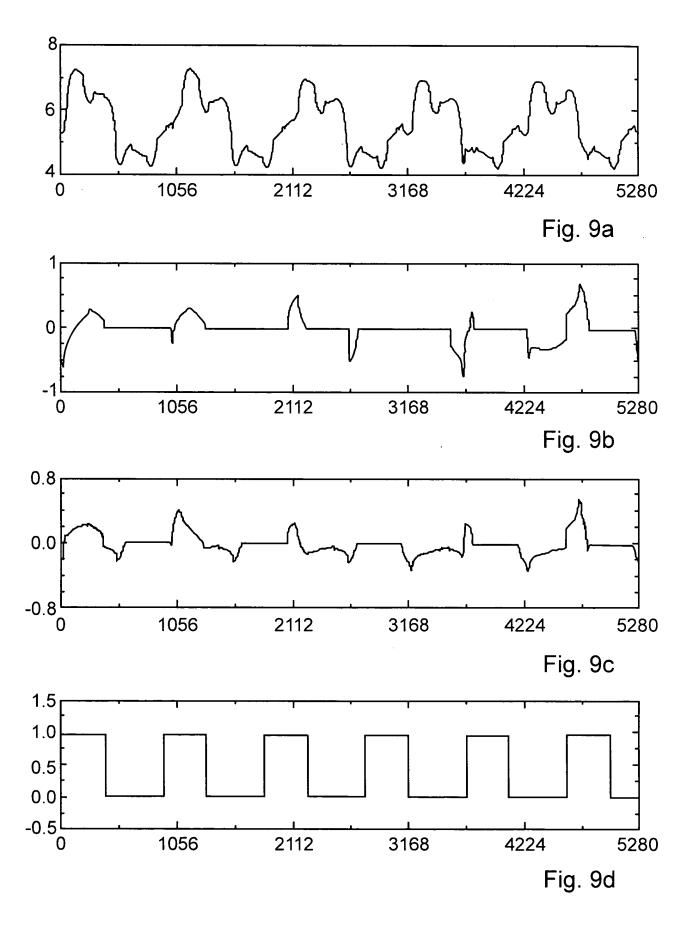


Fig.8



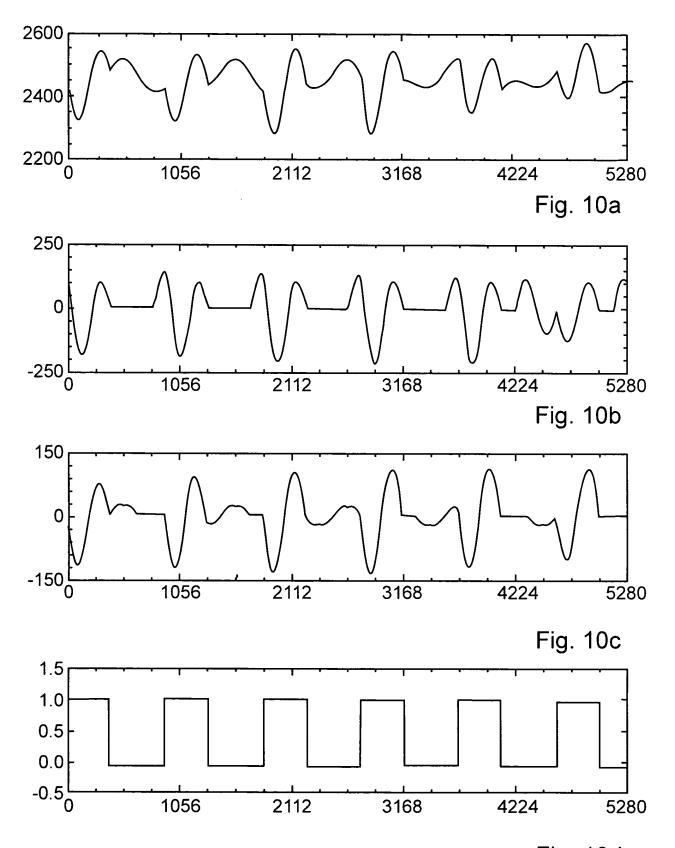


Fig. 10d

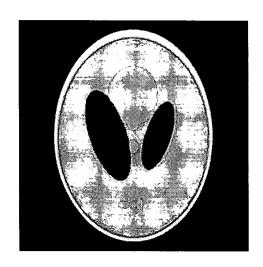


Fig. 11a

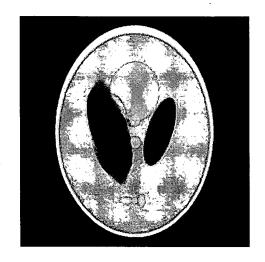


Fig. 11b

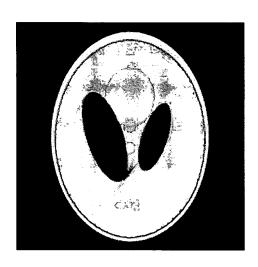
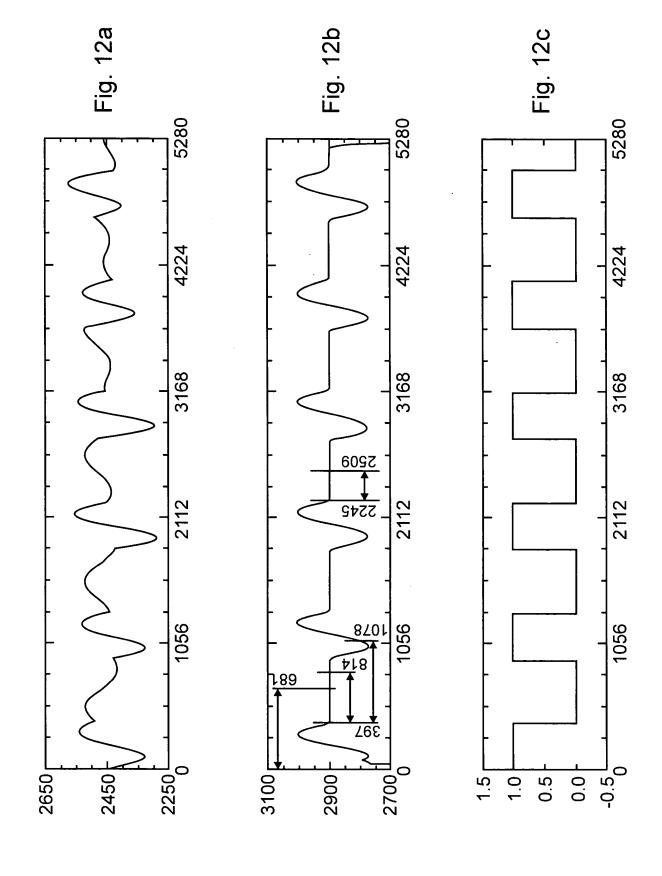
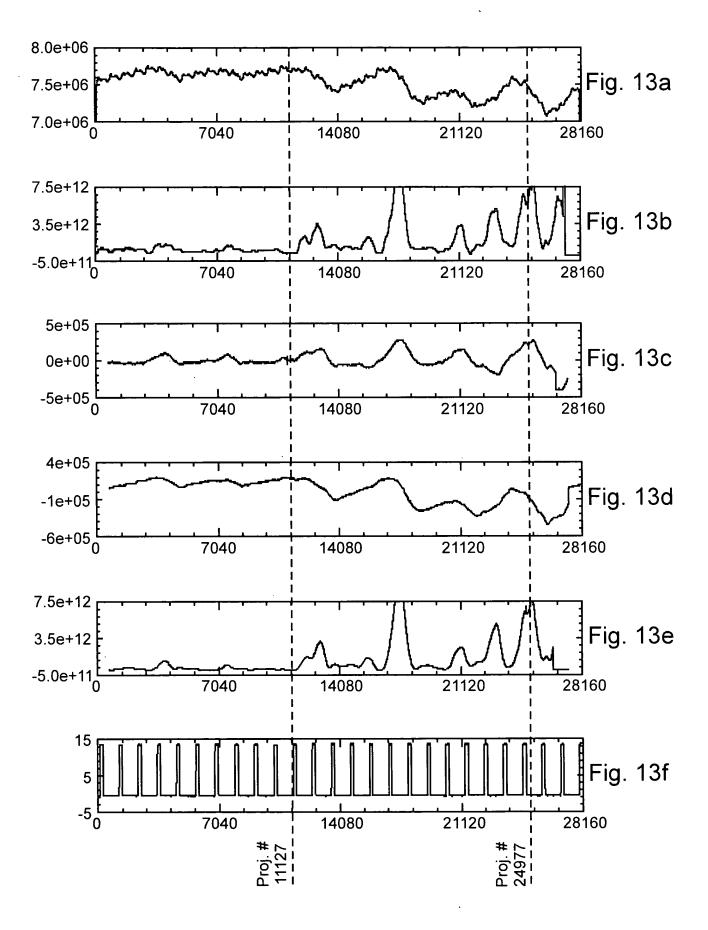


Fig. 11c



Fig. 11d





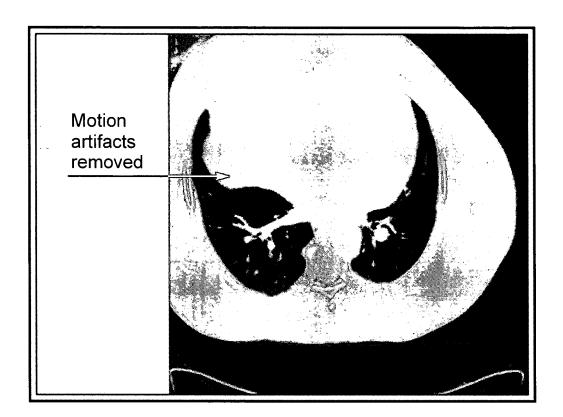


Fig. 14a

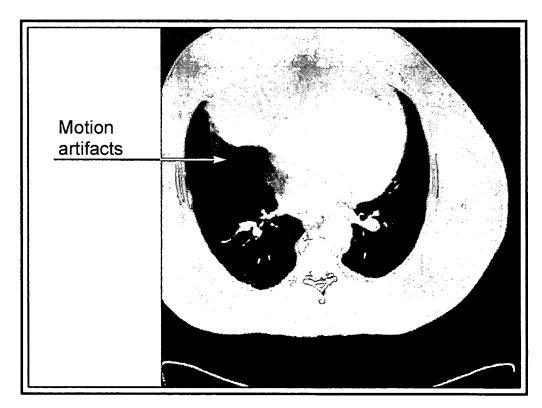
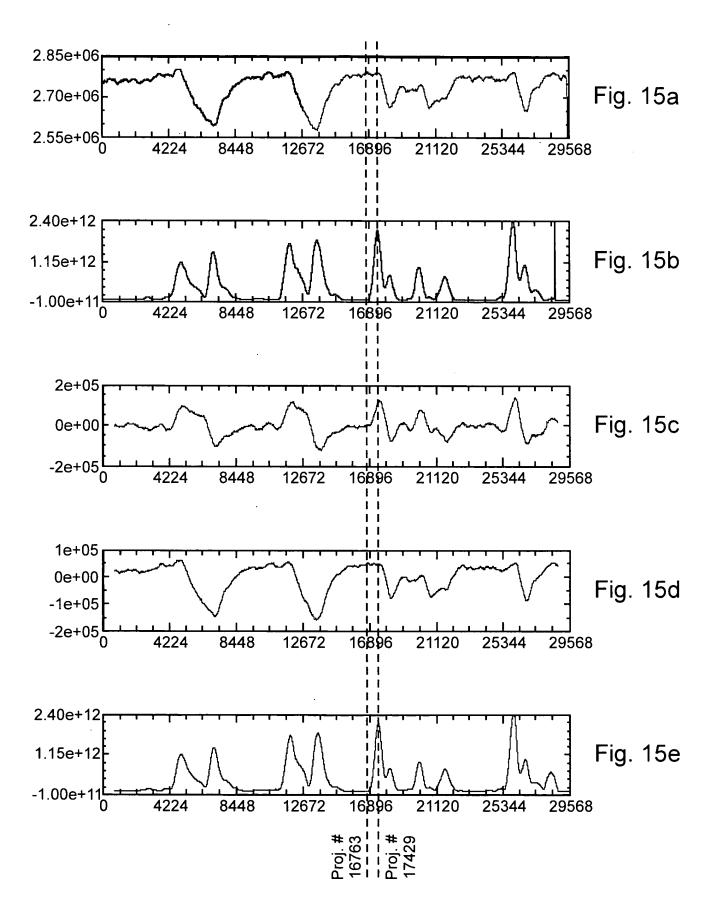


Fig. 14b



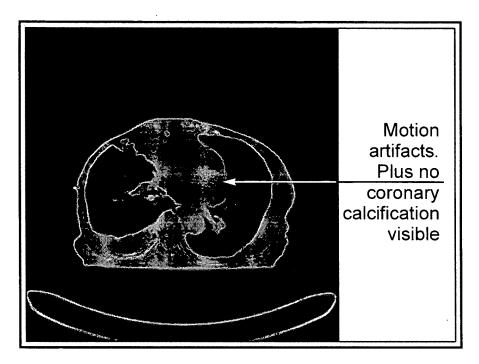


Fig. 16a

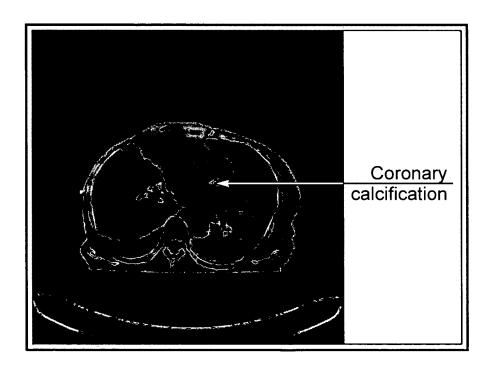
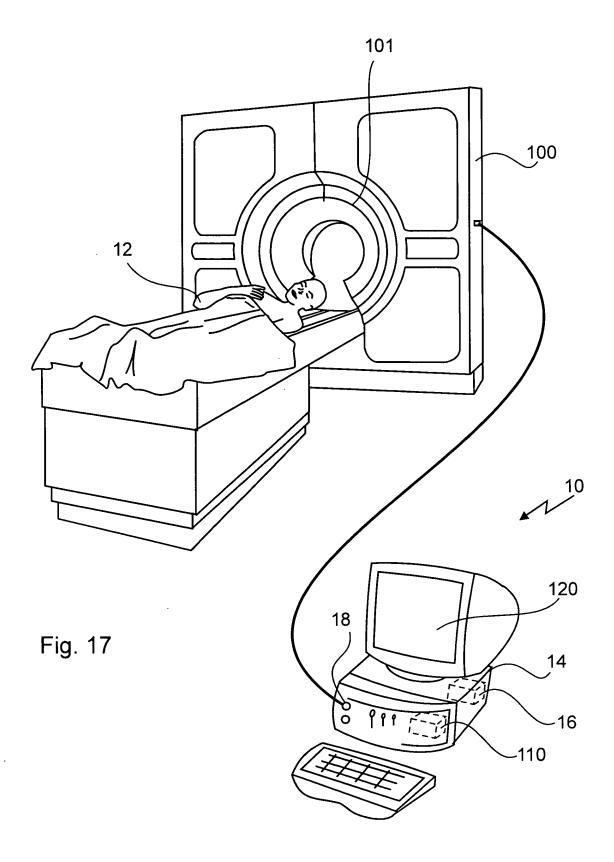


Fig. 16b



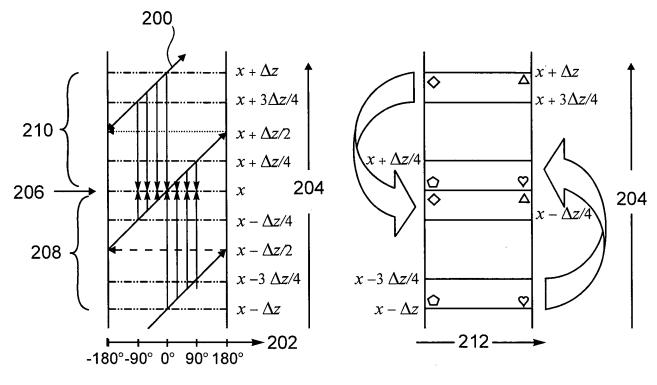
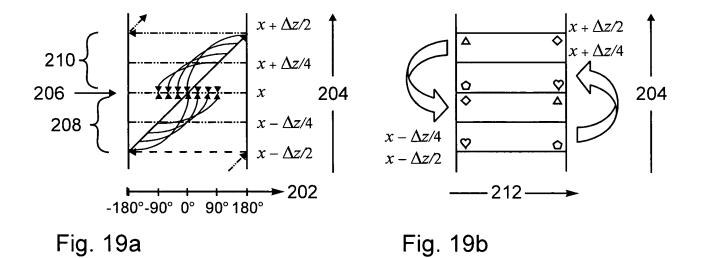
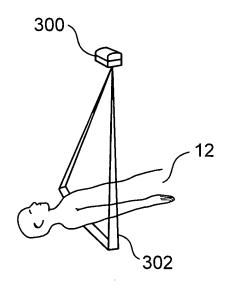


Fig. 18a

Fig. 18b





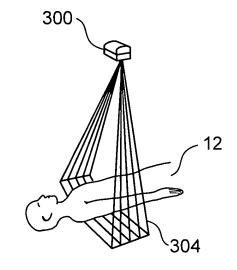


Fig. 20a

Fig. 20b

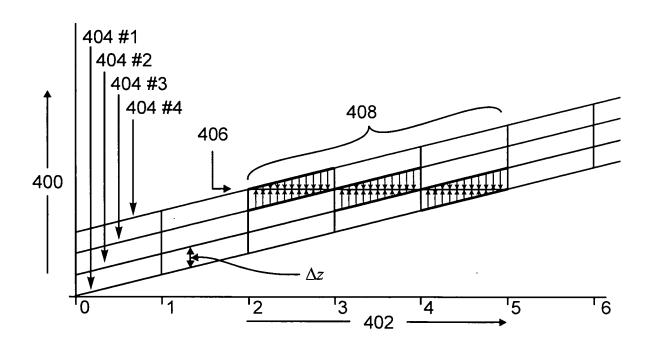


Fig. 21

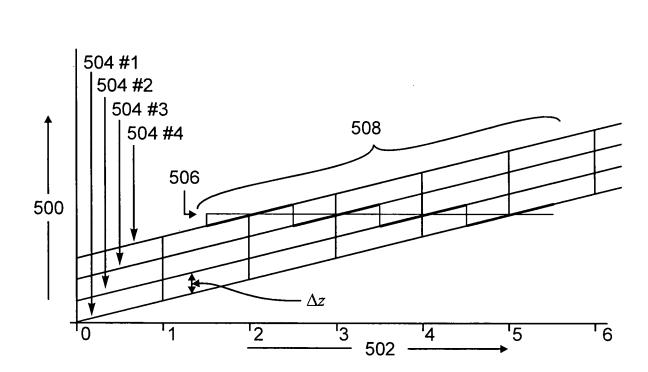


Fig. 22

